

MICROPARTICLES FOR DELIVERY OF NUCLEIC ACID

Abstract of the Disclosure

A preparation of microparticles made up of a polymeric matrix, a nucleic acid expression vector, and a lipid. The polymeric matrix includes one or more synthetic polymers having a solubility in water of less than about 1 mg/l. At least 90% of the microparticles have a diameter less than about 100 microns. The nucleic acid is either RNA, at least 50% of which is in the form of closed circles, or circular DNA plasmid molecules, at least 50% of which are supercoiled.

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